

**ATTACHMENT “A”-PERMIT APPLICATION  
SUMMARY FORM**

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: William Wright

GENERAL INFORMATION:

Name:	Lafarge North America
Address:	101 West river road Silver Grove, Kentucky 41085
Date application received:	March 24, 2004
SIC/Source description:	3275/ Synthetic gypsum wallboard forming facility
Plant I. D.	021-037-00090
Agency ID#	591
Application log number:	56439
Permit number:	V-04-042

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants): Ozone

**EMISSIONS SUMMARY:**

Pollutant	Actual (tpy)	Potential (tpy)
Carbon Monoxide	206.5	225.8
Nitrogen Oxides	78.2	80.9
Sulfur Dioxide	1.4	1.4
PM/PM10	224.9	232.14
VOC	29.4	29.4
HAP	3.2	3.2

**SOURCE PROCESS DESCRIPTION:**

Lafarge Corporation is a synthetic gypsum wall board manufacturing facility which commenced operation on June 25, 2000. Wet Gypsum produced in Flue Gas Desulfurizers is first dried and then sent to a calciner. The resulting stucco is then mixed with various additives and foaming agents to form a paste. This paste is then sandwiched between paper and the mixture is hydrated to recrystallize into gypsum and dried to remove excess water. The boards are then trimmed, marked and stacked.

**COMMENTS:** This Title V permit is a renewal of the existing permit V-99-017.